

16698 U.S. PTO
07/01/03

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Atty. Docket No.: 3279-Z

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 C.F.R. §1.53(b))

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR(S): Richard J. Feldmann of Derwood, Maryland

TITLE: **Modifying the control of gene expression behavior by the deletion of connectrons and by the design and addition of synthetic connectrons in prokaryotic, archaea and eukaryotic genomes**

1. ☒ Specification of 146 pages.
☒ Claims, 12 in number.
☒ Abstract of the Disclosure.
 2. ☐ Drawings. Total Sheets:
 3. ☒ Tables. Total Sheets: 8 - Tables 1 - 9
 4. ☒ Oath or Declaration.
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 6a completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - 5a. ☒ CD-ROM Sequence Listing Part: Copy 1, Copy 2 and CRF - Total: 3 discs.
Including transmittal letter containing file information.
 - 5b. ☒ "SUBMISSION OF "SEQUENCE LISTING," COMPUTER READABLE COPY...FOR BIOTECHNOLOGY INVENTION CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE" (including statements signed by inventor).
 - 6a. ☒ **If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:
☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP):
of prior application Serial No. 09/866,925 filed May 30, 2001.
- Prior application information: Group Art Unit: 1645, Examiner: John S. Brusca*
- For: CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 3b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application part.
- 6b. ☒ The present application is a nonprovisional application based on Provisional Application Serial No. 60/393,558 filed July 5, 2002.

17354 U.S. PTO
10/609383
07/01/03

7. ☒ Applicant claims small entity status. (see 37 CFR 1.27)
 8. ☐ An assignment of the invention to: _____
 9. ☐ A certified copy of _____ application No. _____ filed _____, the priority of which is hereby claimed.
 10. ☐ Preliminary Amendment
 11. ☐ Information Disclosure Statement (IDS) PTO-1449
 ☐ Copies of IDS Citations.
 12. ☒ Return Receipt Postcard (MPEP 503)
 13. ☐ Other:
 14. ☒ The filing fee has been calculated as shown below:

| For | No. Filed | Basic | No. Extra | Rate \$ | Calculations |
|---------------------------------------------------------------------------------|-----------|-------|-----------|----------|--------------|
| Total Claims | 12 | 20 | 0 | \$ 18.00 | \$.00 |
| Indep. Claims | 12 | 9 | 0 | \$ 84.00 | \$756.00 |
| <input type="checkbox"/> Multiple Dependent Claims | | | | \$280.00 | \$ |
| BASIC FEE | | | | | \$750.00 |
| TOTAL OF ABOVE CALCULATIONS | | | | | \$1,506.00 |
| <input checked="" type="checkbox"/> Reduction by 1/2 For Filing By Small Entity | | | | | \$ 753.00 |
| TOTAL FILING FEE | | | | | \$ 753.00 |

14. ☒ A check in the amount of \$ 753.00 to cover the Filing Fee is enclosed. If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due (or credit any overpayment) in connection with this communication, or at any time during the pendency of this application, to Deposit Account No. 26-0090.
15. ☒ Correspondence Address:
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Respectfully submitted,



Jim Zegeer, Reg. No. 18,957
 Attorney for Applicant

Date: July 1, 2003